

CLAIMS

1. An enterprise evaluation device, comprising:
 - management-finance information acquisition means for
- 5 acquiring gross operating profit and patent royalty income, in a first specified period, of a specified enterprise from a management-finance database containing management-finance information of enterprises;
- 10 gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;
- 15 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;
- 20 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;
- 25 total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;
- patent profitability calculation means for calculating patent profitability through dividing the sum of said acquired gross operating profit and patent royalty income by said total

number of effective patents; and

output means for outputting said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a

5 communication line.

2. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring operating profit and R&D cost, in a first specified

10 period, of a specified enterprise from a management-finance database containing management-finance information of

enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified

15 enterprise within a second specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

20 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

total number-of-effective-patents calculation means for

25 calculating the total number of effective patents by

subtracting the number of extinguished inventions from said

acquired number of inventions;

patent profitability calculation means for calculating gross operating profit by adding the acquired operating profit and R&D cost in said first specified period, and calculating

5 patent profitability through dividing the sum of said calculated gross operating profit and patent royalty income by said total number of effective patents; and

output means for outputting said calculated patent profitability to display means, printing means, recording

10 medium, or another telecommunications device via a communication line.

3. An enterprise evaluation device, comprising:

management-finance information acquisition means for

15 acquiring sales profit, R&D cost included in manufacturing costs, administrative expenses, and R&D cost included in the administrative expenses in a first specified period of a specified enterprise from a management-finance database containing management-finance information of enterprises;

20 gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, 25 registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

5 total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

10 patent profitability calculation means for calculating gross operating profit by subtracting the administrative expenses from the sum of acquired sales profit, R&D cost included in manufacturing costs, and R&D cost included in administrative expenses in said first specified period, and calculating patent profitability through dividing the sum of 15 said calculated gross operating profit and patent royalty income by said total number of effective patents; and

20 output means for outputting said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

4. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring excess value added amount and patent royalty income 25 in a first specified period of a specified enterprise from a management-finance database containing management-finance

information of enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;

5 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

10 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

15 total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

20 patent profitability calculation means for calculating patent profitability through dividing the sum of said acquired excess value added amount and patent royalty income by said total number of effective patents; and

output means for outputting said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

25

5. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring sales volume and ratio of value added amount to sales volume, in a first specified period, of a specified enterprise, average ratio of value added amount to sales

5 volume and patent royalty income from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified

10 enterprise within a second specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

patent profitability calculation means for calculating excess value added amount by multiplying the sales volume to a value obtained by subtracting the average ratio of value added amount to sales volume from said acquired ratio of value added

amount to sales volume, and calculating patent profitability through dividing the sum of said calculated excess value added amount and patent royalty income by said total number of effective patents; and

5 output means for outputting said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

10 6. An enterprise evaluation device, comprising:
 management-finance information acquisition means for acquiring sales volume and value added amount, in a first specified period, of a plurality of enterprises, and patent royalty income from a management-finance database containing
15 management-finance information of enterprises;

 gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;

20 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

25 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

5 ratio of value added amount to sales volume calculation means for calculating ratio of value added amount to sales volume of the specified enterprise through dividing said acquired value added amount of the specified enterprise by the sales volume of the specified enterprise, and calculating
10 average ratio of value added amount to sales volume for a plurality of enterprises;

 patent profitability calculation means for calculating excess value added amount by multiplying the sales volume to a value obtained by subtracting the average ratio of value added
15 amount to sales volume from said ratio of value added amount to sales volume of the specified enterprise, and calculating patent profitability through dividing the sum of said calculated excess value added amount and patent royalty income by said total number of effective patents; and

20 output means for outputting said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

25 7. An enterprise evaluation device, comprising:
 management-finance information acquisition means for

acquiring excess gross operating profit and patent royalty income, in a first specified period, of a specified enterprise from a management-finance database containing management-finance information of enterprises;

5 gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;

 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time,

10 registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired 15 number of inventions;

 total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

20 patent profitability calculation means for calculating patent profitability through dividing the sum of said acquired excess gross operating profit and patent royalty income by said total number of effective patents; and

 output means for outputting said calculated patent

25 profitability to display means, printing means, recording medium, or another telecommunications device via a

communication line.

8. An enterprise evaluation device, comprising:
 - management-finance information acquisition means for
 - 5 acquiring sales volume and ratio of gross operating profit, in a first specified period, of a specified enterprise, average ratio of gross operating profit and patent royalty income from a management-finance database containing management-finance information of enterprises;
- 10 gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;
 - number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time,
 - 15 registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;
 - number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired
 - 20 number of inventions;
- total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;
- 25 patent profitability calculation means for calculating excess gross operating profit by multiplying the sales volume

to a value obtained by subtracting the average ratio of gross operating profit from said acquired ratio of gross operating profit, and calculating patent profitability through dividing the sum of said calculated excess gross operating profit and

5 the patent royalty income by said total number of effective patents; and

output means for outputting said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a

10 communication line.

9. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring sales volume and gross operating profit, in a first specified period, of a plurality of enterprises, and patent royalty income from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;

20 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

25 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents

extinguished before the predetermined time among said acquired number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by

5 subtracting the number of extinguished inventions from said acquired number of inventions;

ratio of gross operating profit to sales volume

calculation means for calculating ratio of gross operating profit to sales volume of the specified enterprise through

10 dividing said acquired gross operating profit of the specified enterprise by the sales volume of the specified enterprise, and calculating average ratio of gross operating profit to sales volume for the plurality of enterprises;

patent profitability calculation means for calculating

15 excess gross operating profit by multiplying the sales volume to a value obtained by subtracting average ratio of gross operating profit to sales volume from said ratio of gross operating profit to sales volume of the specified enterprise, and calculating patent profitability through dividing the sum

20 of said calculated excess gross operating profit and patent royalty income by said total number of effective patents; and

output means for outputting said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

10. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring excess earnings on intellectual asset, in a first specified period, of a specified enterprise from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;

10 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said 20 acquired number of inventions;

patent profitability calculation means for calculating patent profitability through dividing said acquired excess earnings on intellectual asset by said total number of 25 effective patents; and

output means for outputting said calculated patent

profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

- 5 11. An enterprise evaluation device, comprising:
 - management-finance information acquisition means for acquiring total assets and return on intellectual asset, in a first specified period, of a specified enterprise, and average return on intellectual asset from a management-finance
 - 10 database containing management-finance information of enterprises;
 - gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;
 - 15 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;
 - number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;
 - 20 total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

patent profitability calculation means for calculating excess earnings on intellectual asset by multiplying the total assets to a value obtained by subtracting the average return on intellectual asset from said acquired return on 5 intellectual asset, and calculating patent profitability through dividing said calculated excess earnings on intellectual asset by said total number of effective patents; and

output means for outputting said calculated patent 10 profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

12. An enterprise evaluation device, comprising:

15 management-finance information acquisition means for acquiring gross operating profit, excess value added amount, excess gross operating profit, excess earnings on intellectual asset or patent royalty income, in a first specified period, of a specified enterprise from a management-finance database 20 containing management-finance information of enterprises; gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database; number-of-inventions acquisition means for acquiring the 25 number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number

of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired 5 number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

10 patent profitability calculation means for calculating index of patent profitability α obtained through dividing the sum of said acquired gross operating profit and patent royalty income by said total number of effective patents, index of patent profitability β obtained through dividing the sum of 15 said acquired excess value added amount and patent royalty income by said total number of effective patents, index of patent profitability γ obtained through dividing the sum of said acquired excess gross operating profit and patent royalty income by said total number of effective patents, or index of 20 patent profitability δ obtained through dividing said acquired excess earnings on intellectual asset by said total number of effective patents for a plurality of enterprises;

display data generation means for generating display data for displaying, index by index and enterprise by enterprise, 25 the calculated patent profitability index of said plurality of enterprises; and

output means for outputting said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

- 5 13. An enterprise evaluation device, comprising:
 - management-finance information acquisition means for acquiring gross operating profit, patent royalty income and market value added, in a first specified period, of a specified enterprise from a management-finance database
 - 10 containing management-finance information of enterprises;
 - gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;
 - number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;
 - 15 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;
 - 20 total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;
 - 25 patent profitability calculation means for calculating

patent profitability through dividing the sum of said acquired gross operating profit and patent royalty income by said total number of effective patents;

display data generation means for generating display data

5 for associating and displaying said calculated patent profitability and said acquired market value added; and

output means for outputting said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

10

14. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring excess value added amount, patent royalty income and market value added, in a first specified period, of a

15 specified enterprise from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a second specified period from a database;

20 number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for

25 acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired

number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said

5 acquired number of inventions;

patent profitability calculation means for calculating patent profitability through dividing the sum of said acquired excess value added amount and patent royalty income by said total number of effective patents;

10 display data generation means for generating display data for associating and displaying said calculated patent profitability and said acquired market value added; and

output means for outputting said display data to display means, printing means, recording medium, or another

15 telecommunications device via a communication line.

15. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring excess gross operating profit, patent royalty income and market value added, in a first specified period, of a 20 specified enterprise from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified 25 enterprise within a second specified period from a database;

number-of-inventions acquisition means for acquiring the

number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for
5 acquiring the number of extinguished inventions of patents
extinguished before the predetermined time among said acquired
number of inventions;

total number-of-effective-patents calculation means for
calculating the total number of effective patents by
10 subtracting the number of extinguished inventions from said
acquired number of inventions;

patent profitability calculation means for calculating
patent profitability through dividing the sum of said acquired
excess gross operating profit and patent royalty income by
15 said total number of effective patents;

display data generation means for generating display data
for associating and displaying said calculated patent
profitability and said acquired market value added; and

output means for outputting said display data to display
20 means, printing means, recording medium, or another
telecommunications device via a communication line.

16. An enterprise evaluation device, comprising:

management-finance information acquisition means for
25 acquiring excess earnings on intellectual asset and market
value added, in a first specified period, of a specified

enterprise from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified 5 enterprise within a second specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

10 number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

total number-of-effective-patents calculation means for 15 calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

patent profitability calculation means for calculating patent profitability through dividing said acquired excess 20 earnings on intellectual asset by said total number of effective patents;

display data generation means for generating display data for associating and displaying said calculated patent profitability and said acquired market value added; and 25 output means for outputting said display data to display means, printing means, recording medium, or another

telecommunications device via a communication line.

17. An enterprise evaluation device, comprising:

management-finance information acquisition means for

5 acquiring R&D cost in a first specified period and gross operating profit, patent royalty income and total assets in a second specified period of a specified enterprise from a management-finance database containing management-finance information of enterprises;

10 gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a third specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, 15 registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired 20 number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

25 patent profitability calculation means for calculating patent profitability through dividing the sum of said acquired

gross operating profit and patent royalty income by said total number of effective patents;

R&D cost ratio calculation means for calculating R&D cost ratio through dividing said acquired R&D cost by the total
5 assets;

display data generation means for generating display data for associating and displaying said calculated patent profitability and said calculated R&D cost ratio; and

10 output means for outputting said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

18. An enterprise evaluation device, comprising:

management-finance information acquisition means for
15 acquiring R&D cost in a first specified period and excess value added amount, patent royalty income and total assets in a second specified period of a specified enterprise from a management-finance database containing management-finance information of enterprises;

20 gazette acquisition means for acquiring registration gazettes based on patent applications filed by a specified enterprise within a third specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time,
25 registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

5 total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

10 patent profitability calculation means for calculating patent profitability through dividing the sum of said acquired excess value added amount and patent royalty income by said total number of effective patents;

15 R&D cost ratio calculation means for calculating R&D cost ratio through dividing said acquired R&D cost by the total assets;

display data generation means for generating display data for associating and displaying said calculated patent profitability and said calculated R&D cost ratio; and

20 output means for outputting said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

19. An enterprise evaluation device, comprising:

25 management-finance information acquisition means for acquiring R&D cost in a first specified period and excess gross operating profit, patent royalty income and total assets

in a second specified period of a specified enterprise from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration 5 gazettes based on patent applications filed by a specified enterprise within a third specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number 10 of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

total number-of-effective-patents calculation means for calculating the total number of effective patents by subtracting the number of extinguished inventions from said 15 acquired number of inventions;

patent profitability calculation means for calculating 20 patent profitability through dividing the sum of said acquired excess gross operating profit and patent royalty income by said total number of effective patents;

R&D cost ratio calculation means for calculating R&D cost ratio through dividing said acquired R&D cost by the total 25 assets;

display data generation means for generating display data

for associating and displaying said calculated patent profitability and said calculated R&D cost ratio; and output means for outputting said display data to display means, printing means, recording medium, or another 5 telecommunications device via a communication line.

20. An enterprise evaluation device, comprising:

management-finance information acquisition means for acquiring R&D cost in a first specified period and excess 10 earnings on intellectual asset and total assets in a second specified period of a specified enterprise from a management-finance database containing management-finance information of enterprises;

gazette acquisition means for acquiring registration 15 gazettes based on patent applications filed by a specified enterprise within a third specified period from a database;

number-of-inventions acquisition means for acquiring the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number 20 of inventions from said acquired registration gazettes;

number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

25 total number-of-effective-patents calculation means for calculating the total number of effective patents by

subtracting the number of extinguished inventions from said acquired number of inventions;

5 patent profitability calculation means for calculating patent profitability through dividing said acquired excess earnings on intellectual asset by said total number of effective patents;

R&D cost ratio calculation means for calculating R&D cost ratio through dividing said acquired R&D cost by the total assets;

10 display data generation means for generating display data for associating and displaying said calculated patent profitability and said calculated R&D cost ratio; and output means for outputting said display data to display means, printing means, recording medium, or another 15 telecommunications device via a communication line.

21. The enterprise evaluation device according to any one of claims 1 to 20,

20 wherein said registration gazettes include patent registration gazettes, publications of examined patent applications, publications of examined utility model applications or utility model registration gazettes; and wherein, when the registered gazettes are utility model gazettes, said patent application refers to a utility model 25 application, and said patent subjected to registration refers to a utility model subjected to registration.

22. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition 5 means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from 10 the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation 15 means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, 20 number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means and output means, wherein said information processing means realizes: 25 a function for causing said management-finance information acquisition means to acquire gross operating profit and patent royalty income, in a first specified period,

of a specified enterprise from the management-finance database containing the management-finance information of enterprises;

5 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

10 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

20 a function for causing said patent profitability calculation means to calculate the patent profitability through dividing the sum of said acquired gross operating profit and patent royalty income by said total number of effective patents; and

25 a function for causing said output means to output said calculated patent profitability to display means, printing

means, recording medium, or another telecommunications device via a communication line.

23. An enterprise evaluation program to be executed by
5 information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on
10 patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-
15 effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling
20 said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means and output means,
25 wherein said information processing means realizes:
a function for causing said management-finance

information acquisition means to acquire operating profit and R&D cost, in a first specified period, of a specified enterprise from the management-finance database containing the management-finance information of enterprises;

5 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

10 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

20 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

25 a function for causing said patent profitability calculation means to calculate gross operating profit by adding the acquired operating profit and R&D cost in said first specified period, and calculate the patent profitability through dividing the sum of said calculated gross operating

profit and patent royalty income by said total number of effective patents; and

5 a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

24. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation 10 device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions 15 acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total 20 number of effective patents, patent profitability calculation means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette 25 acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total

number-of-effective-patents calculation means, patent profitability calculation means and output means,

wherein said information processing means realizes:

a function for causing said management-finance

5 information acquisition means to acquire sales profit, R&D cost included in manufacturing costs, administrative expenses, and R&D cost included in the administrative expenses in a first specified period of a specified enterprise from the management-finance database containing the management-finance
10 information of enterprises;

a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

15 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

20 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished

inventions from said acquired number of inventions;

5 a function for causing said patent profitability calculation means to calculate gross operating profit by subtracting the administrative expenses from the sum of acquired sales profit, R&D cost included in manufacturing costs, and R&D cost included in administrative expenses in said first specified period, and calculate the patent profitability through dividing the sum of said calculated gross operating profit and patent royalty income by said total 10 number of effective patents; and

15 a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

25. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette 20 acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions 25 acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-

effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, output means for outputting the patent profitability to display means or the 5 like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent 10 profitability calculation means and output means,

wherein said information processing means realizes:

a function for causing said management-finance information acquisition means to acquire excess value added amount and patent royalty income in a first specified period 15 of a specified enterprise from the management-finance database containing the management-finance information of enterprises;

a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified 20 period from the database;

a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said 25 acquired registration gazettes;

a function for causing said number-of-extinguished-

inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

5 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

10 a function for causing said patent profitability calculation means to calculate the patent profitability through dividing the sum of said acquired excess value added amount and patent royalty income by said total number of effective patents; and

15 a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

26. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions

acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation 5 means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, 10 number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means and output means, wherein said information processing means realizes: a function for causing said management-finance 15 information acquisition means to acquire sales volume and ratio of value added amount to sales volume, in a first specified period, of a specified enterprise, average ratio of value added amount to sales volume and patent royalty income from the management-finance database containing the 20 management-finance information of enterprises; a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database; 25 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected

to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

5 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

10 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

15 a function for causing said patent profitability calculation means to calculate excess value added amount by multiplying the sales volume to a value obtained by subtracting the average ratio of value added amount to sales volume from said acquired ratio of value added amount to sales volume, and calculate the patent profitability through dividing the sum of said calculated excess value added amount and patent royalty income by said total number of effective 20 patents; and

a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette

5 acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished

10 inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, ratio of value added amount to sales volume calculation means for calculating ratio of value added amount to sales volume, patent profitability calculation

15 means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means,

20 number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, ratio of value added amount to sales volume calculation means, patent profitability calculation means and output means,

25 wherein said information processing means realizes:

a function for causing said management-finance information acquisition means to acquire sales volume and

value added amount, in a first specified period, of a plurality of enterprises, and patent royalty income from the management-finance database containing the management-finance information of enterprises;

5 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

10 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

20 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

25 a function for causing said ratio of value added amount to sales volume calculation means to calculate the ratio of value added amount to sales volume of the specified enterprise through dividing said acquired value added amount of the specified enterprise by the sales volume of the specified

enterprise, and calculate average ratio of value added amount to sales volume for a plurality of enterprises;

a function for causing said patent profitability calculation means to calculate excess value added amount by 5 multiplying the sales volume to a value obtained by subtracting the average ratio of value added amount to sales volume from said ratio of value added amount to sales volume of the specified enterprise, and calculate the patent profitability through dividing the sum of said calculated 10 excess value added amount and patent royalty income by said total number of effective patents; and

a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device 15 via a communication line.

28. An enterprise evaluation program which realizes:

a function for causing said management-finance information acquisition means to acquire excess gross 20 operating profit and patent royalty income, in a first specified period, of a specified enterprise from the management-finance database containing the management-finance information of enterprises;

a function for causing said gazette acquisition means to 25 acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified

period from the database;

5 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

10 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

15 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

20 a function for causing said patent profitability calculation means to calculate the patent profitability through dividing the sum of said acquired excess gross operating profit and patent royalty income by said total number of effective patents; and

25 a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

29. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation

device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on 5 patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of- 10 effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling 15 said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means and output means,

20 wherein said information processing means realizes:

 a function for causing said management-finance information acquisition means to acquire sales volume and ratio of gross operating profit, in a first specified period, of a specified enterprise, average ratio of gross operating 25 profit and patent royalty income from the management-finance database containing the management-finance information of

enterprises;

5 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

10 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

20 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

25 a function for causing said patent profitability calculation means to calculate excess gross operating profit by multiplying the sales volume to a value obtained by subtracting the average ratio of gross operating profit from said acquired ratio of gross operating profit, and calculate the patent profitability through dividing the sum of said calculated excess gross operating profit and the patent royalty income by said total number of effective patents; and

a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

5

30. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, ratio of gross operating profit to sales volume calculation means for calculating ratio of gross operating profit to sales volume, patent profitability calculation means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions

acquisition means, total number-of-effective-patents
calculation means, ratio of gross operating profit to sales
volume calculation means, patent profitability calculation
means and output means,

5 wherein said information processing means realizes:
 a function for causing said management-finance
information acquisition means to acquire sales volume and
gross operating profit, in a first specified period, of a
plurality of enterprises, and patent royalty income from the
10 management-finance database containing the management-finance
information of enterprises;

 a function for causing said gazette acquisition means to
acquire the registration gazettes based on patent applications
filed by a specified enterprise within a second specified
15 period from the database;

 a function for causing said number-of-inventions
acquisition means to acquire the number of patents subjected
to, before a predetermined time, registration or number of
claims of the patents as the number of inventions from said
20 acquired registration gazettes;

 a function for causing said number-of-extinguished-
inventions acquisition means to acquire the number of
extinguished inventions of patents extinguished before the
predetermined time among said acquired number of inventions;

25 a function for causing said total number-of-effective-
patents calculation means to calculate the total number of

effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

5 a function for causing said ratio of gross operating profit to sales volume calculation means to calculate the ratio of gross operating profit to sales volume of the specified enterprise through dividing said acquired gross operating profit of the specified enterprise by the sales volume of the specified enterprise, and calculate average ratio of gross operating profit to sales volume for the 10 plurality of enterprises;

a function for causing said patent profitability calculation means to calculate excess gross operating profit by multiplying the sales volume to a value obtained by subtracting average ratio of gross operating profit to sales 15 volume from said ratio of gross operating profit to sales volume of the specified enterprise, and calculate the patent profitability through dividing the sum of said calculated excess gross operating profit and patent royalty income by said total number of effective patents; and .

20 a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

25 31. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation

device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on 5 patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of- 10 effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, output means for outputting the patent profitability to display means or the like, and information processing means capable of controlling 15 said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means and output means, 20 wherein said information processing means realizes: a function for causing said management-finance information acquisition means to acquire excess earnings on intellectual asset, in a first specified period, of a specified enterprise from the management-finance database 25 containing the management-finance information of enterprises; a function for causing said gazette acquisition means to

acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

 a function for causing said number-of-inventions

5 acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

 a function for causing said number-of-extinguished-

10 inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

 a function for causing said total number-of-effective-patents calculation means to calculate the total number of 15 effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

 a function for causing said patent profitability calculation means to calculate the patent profitability through dividing said acquired excess earnings on intellectual 20 asset by said total number of effective patents; and

 a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette

5 acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished

10 inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, output means for outputting the patent profitability to display means or the

15 like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent

20 profitability calculation means and output means,

wherein said information processing means realizes:

a function for causing said management-finance information acquisition means to acquire total assets and return on intellectual asset, in a first specified period, of

25 a specified enterprise, and average return on intellectual asset from the management-finance database containing the

management-finance information of enterprises;

5 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

10 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

20 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

25 a function for causing said patent profitability calculation means to calculate excess earnings on intellectual asset by multiplying the total assets to a value obtained by subtracting the average return on intellectual asset from said acquired return on intellectual asset, and calculate the patent profitability through dividing said calculated excess earnings on intellectual asset by said total number of effective patents; and

a function for causing said output means to output said calculated patent profitability to display means, printing means, recording medium, or another telecommunications device via a communication line.

5

33. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions 15 acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, display data generation means for generating display data, output means for 20 outputting said display data to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, 25 number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent

profitability calculation means, display data generation means and output means,

wherein said information processing means realizes:

a function for causing said management-finance

5 information acquisition means to acquire gross operating profit, excess value added amount, excess gross operating profit, excess earnings on intellectual asset or patent royalty income, in a first specified period, of a specified enterprise from the management-finance database containing the
10 management-finance information of enterprises;

a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

15 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

20 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

25 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished

inventions from said acquired number of inventions;

5 a function for causing said patent profitability calculation means to calculate index of patent profitability α obtained through dividing the sum of said acquired gross operating profit and patent royalty income by said total number of effective patents, index of patent profitability β obtained through dividing the sum of said acquired excess value added amount and patent royalty income by said total number of effective patents, index of patent profitability γ obtained through dividing the sum of said acquired excess gross operating profit and patent royalty income by said total number of effective patents, or index of patent profitability δ obtained through dividing said acquired excess earnings on intellectual asset by said total number of effective patents

10 for a plurality of enterprises;

15 a function for causing said display data generation means to generate the display data for displaying, index by index and enterprise by enterprise, the calculated patent profitability index of said plurality of enterprises; and

20 a function for causing said output means to output said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

25 34. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation

device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on 5 patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of- 10 effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, display data generation means for generating display data, output means for outputting said display data to display means or the like, and 15 information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent 20 profitability calculation means, display data generation means and output means, wherein said information processing means realizes: a function for causing said management-finance information acquisition means to acquire gross operating 25 profit, patent royalty income and market value added, in a first specified period, of a specified enterprise from the

management-finance database containing the management-finance information of enterprises;

5 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

10 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

20 a function for causing said patent profitability calculation means to calculate the patent profitability through dividing the sum of said acquired gross operating profit and patent royalty income by said total number of effective patents;

25 a function for causing said display data generation means to generate the display data for associating and displaying

said calculated patent profitability and said acquired market value added; and

a function for causing said output means to output said display data to display means, printing means, recording 5 medium, or another telecommunications device via a communication line.

35. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation 10 device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions 15 acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total 20 number of effective patents, patent profitability calculation means for calculating patent profitability, display data generation means for generating display data, output means for outputting said display data to display means or the like, and information processing means capable of controlling said 25 management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means,

number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means, display data generation means and output means,

5 wherein said information processing means realizes:
 a function for causing said management-finance information acquisition means to acquire excess value added amount, patent royalty income and market value added, in a first specified period, of a specified enterprise from the
10 management-finance database containing the management-finance information of enterprises;

 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified
15 period from the database;

 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said
20 acquired registration gazettes;

 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

25 a function for causing said total number-of-effective-patents calculation means to calculate the total number of

effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

a function for causing said patent profitability calculation means to calculate the patent profitability 5 through dividing the sum of said acquired excess value added amount and patent royalty income by said total number of effective patents;

a function for causing said display data generation means to generate the display data for associating and displaying 10 said calculated patent profitability and said acquired market value added; and

a function for causing said output means to output said display data to display means, printing means, recording medium, or another telecommunications device via a 15 communication line.

36. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition 20 means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from 25 the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished

inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, display data

5 generation means for generating display data, output means for outputting said display data to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means,

10 number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means, display data generation means and output means,

wherein said information processing means realizes:

15 a function for causing said management-finance information acquisition means to acquire excess gross operating profit, patent royalty income and market value added, in a first specified period, of a specified enterprise from the management-finance database containing the management-finance information of enterprises;

a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

25 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected

to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

5 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

10 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

15 a function for causing said patent profitability calculation means to calculate the patent profitability through dividing the sum of said acquired excess gross operating profit and patent royalty income by said total number of effective patents;

20 a function for causing said display data generation means to generate the display data for associating and displaying said calculated patent profitability and said acquired market value added; and

25 a function for causing said output means to output said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

25

37. An enterprise evaluation program to be executed by

information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette

5 acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions

acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions

acquisition means for acquiring the number of extinguished

10 inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, display data generation means for generating display data, output means for

15 outputting said display data to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette

acquisition means, number-of-inventions acquisition means, number-of-extinguished-inventions acquisition means, total

20 number-of-effective-patents calculation means, patent profitability calculation means, display data generation means and output means,

wherein said information processing means realizes:

25 a function for causing said management-finance information acquisition means to acquire excess earnings on intellectual asset and market value added, in a first

specified period, of a specified enterprise from the management-finance database containing the management-finance information of enterprises;

5 a function for causing said gazette acquisition means to acquire the registration gazettes based on patent applications filed by a specified enterprise within a second specified period from the database;

10 a function for causing said number-of-inventions acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

15 a function for causing said number-of-extinguished-inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

20 a function for causing said total number-of-effective-patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

a function for causing said patent profitability calculation means to calculate the patent profitability through dividing said acquired excess earnings on intellectual asset by said total number of effective patents;

25 a function for causing said display data generation means to generate the display data for associating and displaying

said calculated patent profitability and said acquired market value added; and

5 a function for causing said output means to output said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

38. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation 10 device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions 15 acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total 20 number of effective patents, patent profitability calculation means for calculating patent profitability, R&D cost ratio calculation means for calculating R&D cost ratio, display data generation means for generating display data, output means for outputting said display data to display means or the like, and 25 information processing means capable of controlling said management-finance information acquisition means, gazette

acquisition means, number-of-inventions acquisition means,
number-of-extinguished-inventions acquisition means, total
number-of-effective-patents calculation means, patent
profitability calculation means, R&D cost ratio calculation
5 means, display data generation means and output means,
wherein said information processing means realizes:
a function for causing said management-finance
information acquisition means to acquire R&D cost in a first
specified period and gross operating profit, patent royalty
10 income and total assets in a second specified period of a
specified enterprise from the management-finance database
containing the management-finance information of enterprises;
a function for causing said gazette acquisition means to
acquire the registration gazettes based on patent applications
15 filed by a specified enterprise within a third specified
period from the database;
a function for causing said number-of-inventions
acquisition means to acquire the number of patents subjected
to, before a predetermined time, registration or number of
20 claims of the patents as the number of inventions from said
acquired registration gazettes;
a function for causing said number-of-extinguished-
inventions acquisition means to acquire the number of
extinguished inventions of patents extinguished before the
25 predetermined time among said acquired number of inventions;
a function for causing said total number-of-effective-

patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

a function for causing said patent profitability

5 calculation means to calculate the patent profitability through dividing the sum of said acquired gross operating profit and patent royalty income by said total number of effective patents;

a function for causing said R&D cost ratio calculation

10 means to calculate the R&D cost ratio through dividing said acquired R&D cost by the total assets;

a function for causing said display data generation means to generate the display data for associating and displaying said calculated patent profitability and said calculated R&D 15 cost ratio; and

a function for causing said output means to output said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

20

39. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette 25 acquisition means for acquiring registration gazettes based on

patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished 5 inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, R&D cost ratio calculation means for calculating R&D cost ratio, display data 10 generation means for generating display data, output means for outputting said display data to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, 15 number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means, R&D cost ratio calculation means, display data generation means and output means, wherein said information processing means realizes: 20 a function for causing said management-finance information acquisition means to acquire R&D cost in a first specified period and excess value added amount, patent royalty income and total assets in a second specified period of a specified enterprise from the management-finance database 25 containing the management-finance information of enterprises; a function for causing said gazette acquisition means to

acquire the registration gazettes based on patent applications filed by a specified enterprise within a third specified period from the database;

a function for causing said number-of-inventions

5 acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

a function for causing said number-of-extinguished-

10 inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

a function for causing said total number-of-effective-patents calculation means to calculate the total number of 15 effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

a function for causing said patent profitability calculation means to calculate the patent profitability through dividing the sum of said acquired excess value added 20 amount and patent royalty income by said total number of effective patents;

a function for causing said R&D cost ratio calculation means to calculate the R&D cost ratio through dividing said acquired R&D cost by the total assets;

25 a function for causing said display data generation means to generate the display data for associating and displaying

said calculated patent profitability and said calculated R&D cost ratio; and

a function for causing said output means to output said display data to display means, printing means, recording 5 medium, or another telecommunications device via a communication line.

40. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation 10 device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on patent applications from a database, number-of-inventions 15 acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total 20 number of effective patents, patent profitability calculation means for calculating patent profitability, R&D cost ratio calculation means for calculating R&D cost ratio, display data generation means for generating display data, output means for outputting said display data to display means or the like, and 25 information processing means capable of controlling said management-finance information acquisition means, gazette

acquisition means, number-of-inventions acquisition means,
number-of-extinguished-inventions acquisition means, total
number-of-effective-patents calculation means, patent
profitability calculation means, R&D cost ratio calculation
5 means, display data generation means and output means,
wherein said information processing means realizes:
a function for causing said management-finance
information acquisition means to acquire R&D cost in a first
specified period and excess gross operating profit, patent
10 royalty income and total assets in a second specified period
of a specified enterprise from the management-finance database
containing the management-finance information of enterprises;
a function for causing said gazette acquisition means to
acquire the registration gazettes based on patent applications
15 filed by a specified enterprise within a third specified
period from the database;
a function for causing said number-of-inventions
acquisition means to acquire the number of patents subjected
to, before a predetermined time, registration or number of
20 claims of the patents as the number of inventions from said
acquired registration gazettes;
a function for causing said number-of-extinguished-
inventions acquisition means to acquire the number of
extinguished inventions of patents extinguished before the
25 predetermined time among said acquired number of inventions;
a function for causing said total number-of-effective-

patents calculation means to calculate the total number of effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

5 a function for causing said patent profitability

calculation means to calculate the patent profitability through dividing the sum of said acquired excess gross operating profit and patent royalty income by said total number of effective patents;

10 a function for causing said R&D cost ratio calculation

means to calculate the R&D cost ratio through dividing said acquired R&D cost by the total assets;

15 a function for causing said display data generation means to generate the display data for associating and displaying said calculated patent profitability and said calculated R&D cost ratio; and

20 a function for causing said output means to output said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

25 41. An enterprise evaluation program to be executed by information processing means of an enterprise evaluation device comprising management-finance information acquisition means for acquiring management-finance information of enterprises from a management-finance database, gazette acquisition means for acquiring registration gazettes based on

patent applications from a database, number-of-inventions acquisition means for acquiring the number of inventions from the registration gazettes, number-of-extinguished-inventions acquisition means for acquiring the number of extinguished 5 inventions among the number of inventions, total number-of-effective-patents calculation means for calculating the total number of effective patents, patent profitability calculation means for calculating patent profitability, R&D cost ratio calculation means for calculating R&D cost ratio, display data 10 generation means for generating display data, output means for outputting said display data to display means or the like, and information processing means capable of controlling said management-finance information acquisition means, gazette acquisition means, number-of-inventions acquisition means, 15 number-of-extinguished-inventions acquisition means, total number-of-effective-patents calculation means, patent profitability calculation means, R&D cost ratio calculation means, display data generation means and output means, wherein said information processing means realizes: 20 a function for causing said management-finance information acquisition means to acquire R&D cost in a first specified period and excess earnings on intellectual asset and total assets in a second specified period of a specified enterprise from the management-finance database containing the 25 management-finance information of enterprises;

 a function for causing said gazette acquisition means to

acquire the registration gazettes based on patent applications filed by a specified enterprise within a third specified period from the database;

a function for causing said number-of-inventions

5 acquisition means to acquire the number of patents subjected to, before a predetermined time, registration or number of claims of the patents as the number of inventions from said acquired registration gazettes;

a function for causing said number-of-extinguished-

10 inventions acquisition means to acquire the number of extinguished inventions of patents extinguished before the predetermined time among said acquired number of inventions;

a function for causing said total number-of-effective-patents calculation means to calculate the total number of 15 effective patents by subtracting the number of extinguished inventions from said acquired number of inventions;

a function for causing said patent profitability calculation means to calculate the patent profitability through dividing said acquired excess earnings on intellectual 20 asset by said total number of effective patents;

a function for causing said R&D cost ratio calculation means to calculate the R&D cost ratio through dividing said acquired R&D cost by the total assets;

a function for causing said display data generation means 25 to generate the display data for associating and displaying said calculated patent profitability and said calculated R&D

cost ratio; and

5 a function for causing said output means to output said display data to display means, printing means, recording medium, or another telecommunications device via a communication line.

42. The enterprise evaluation program according to any one of claims 22 to 41,

10 wherein said registration gazettes include patent registration gazettes, publications of examined patent applications, publications of examined utility model applications or utility model registration gazettes; and

15 wherein, when the registered gazettes are utility model gazettes, said patent application refers to a utility model application, and said patent subjected to registration refers to a utility model subjected to registration.